



PATENT

Case Docket No. PALL.107C1

Date: September 26, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Ditter, et al.  
Appl. No. : 10/603,425  
Filed : June 24, 2003  
For : LAMINATES OF  
ASYMMETRIC MEMBRANES  
Examiner : Unknown  
Group Art Unit : 1734

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

September 26, 2003

(Date)

Jeffrey A. Birchak, Reg. No. 46,200

TRANSMITTAL LETTER

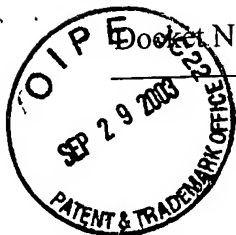
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 listing eighty-one (81) references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

Jeffrey A. Birchak  
Registration No. 46,200  
Attorney of Record  
Customer No. 20,995  
(619) 235-8550



## INFORMATION DISCLOSURE STATEMENT

Applicant : Ditter, et al.  
App. No. : 10/603,425  
Filed : June 24, 2003  
For : LAMINATES OF ASYMMETRIC  
MEMBRANES  
Examiner : Unknown  
Group Art Unit : 1734

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing references that were previously disclosed to or cited by the Patent and Trademark Office in the prosecution of U.S. patent No. 6,596,112, issued July 22, 2003, which is the parent of this application, and is relied upon for an earlier filing date under 35 U.S.C. § 120. Copies of the references are not submitted pursuant to 37 C.F.R. § 1.98(d).

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

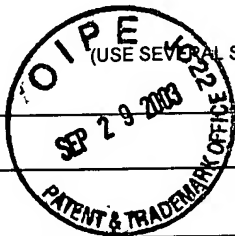
KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 9/26/2003

By: Jeffrey A. Birchak

Jeffrey A. Birchak  
Registration No. 46,200  
Attorney of Record  
Customer No. 20,995  
(619) 235-8550

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. PALL.107C1	APPLICATION NO. US 10/603,425
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Ditter, et al.	
		FILING DATE June 24, 2003	GROUP 1734



## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1.	3,276,598	10/04/66	Michaels et al.			
	2.	3,556,305	01/19/71	Shorr, J.			
	3.	3,567,810	03/02/71	Baker			
	4.	3,855,122	12/17/74	Bourganel			
	5.	3,894,166	07/08/75	Brown et al.			
	6.	3,951,815	04/20/76	Wrasidlo			
	7.	3,993,566	11/23/76	Goldberg et al.			
	8.	4,071,590	01/31/78	Strathmann			
	9.	4,230,463	10/28/80	Henis et al.			
	10.	4,230,583	10/28/80	Chiolle et al.			
	11.	4,250,029	02/10/81	Kiser et al.			
	12.	4,277,344	07/07/81	Cadotte			
	13.	4,360,434	11/23/82	Kawaguchi et al.			
	14.	4,387,024	06/07/83	Kurihara et al.			
	15.	4,429,122	01/31/84	Zupancic			
	16.	4,601,828	07/22/86	Gershoni			
	17.	4,659,474	04/21/87	Perry et al.			
	18.	4,772,391	09/20/88	Baker et al.			
	19.	4,778,596	10/18/88	Linder et al.			
	20.	4,814,082	03/21/89	Wrasidlo et al.			
	21.	4,818,387	04/04/89	Ikedo et al.			
	22.	4,828,705	05/09/89	Thakore et al.			
	23.	4,863,604	09/05/89	Lo, et al			
	24.	4,883,593	11/28/89	Friesen et al.			
	25.	4,885,077	12/05/89	Karakelle et al.			
	26.	4,902,424	02/20/90	Wrasidlo			

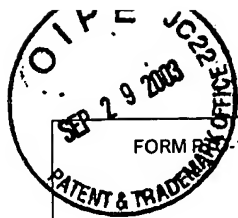
EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. PALL 107C1	APPLICATION NO. US 10/603,425
	APPLICANT Ditter, et al.	
	FILING DATE June 24, 2003	GROUP 1734

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	27.	4,909,938	03/20/90	Ford			
	28.	4,917,942	04/17/90	Winters			
	29.	4,935,139	06/19/90	Davidson et al.			
	30.	4,939,180	07/03/90	Hendy			
	31.	4,941,893	07/17/90	Hsieh et al.			
	32.	5,006,247	04/09/91	Dennison et al.			
	33.	5,024,765	06/18/91	Linder et al.			
	34.	5,028,337	07/02/91	Linder et al.			
	35.	5,032,450	07/16/91	Rechlicz et al.			
	36.	5,069,945	12/03/91	Wrasidlo			
	37.	5,133,878	07/28/92	Gsell et al.			
	38.	5,154,827	10/13/92	Ashelin, et al			
	39.	5,228,994	07/20/93	Tkacik et al.			
	40.	5,232,598	08/03/93	Thomas et al.			
	41.	5,376,442	12/27/94	Davidson et al.			
	42.	5,462,667	10/31/95	Wollinsky et al.			
	43.	5,496,627	03/05/96	Bagrodia et al.			
	44.	5,554,414	09/10/96	Moya et al.			
	45.	5,629,084	05/13/97	Moya			
	46.	5,672,399	09/30/97	Kahlbaugh et al.			
	47.	5,811,196	09/22/98	Hachisuka, et al			
	48.	5,834,107	11/10/98	Wang, et al			
	49.	5,935,370	08/10/99	Weimer, et al.			
	50.	6,030,428	02/29/00	Ishino et al.			

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

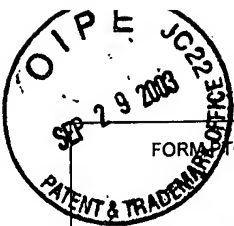


FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. PALL.107C1	APPLICATION NO. US 10/603,425
	APPLICANT Ditter, et al.	
	FILING DATE June 24, 2003	GROUP 1734

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	51.	DE 21 10 158	06/28/79	Germany				
	52.	EP 0 072 002 A1	02/16/83	Europe				
	53.	EP 0 083 489 A2	07/13/83	Europe				
	54.	EP 0 098 352 A3	01/18/84	Europe				
	55.	EP 0 216 622 A2	04/01/87	Europe				
	56.	EP 0 266 204 A2	05/04/88	Europe				
	57.	EP 0 503 596 A2	09/16/92	Europe				
	58.	EP 0 594 007 A1	04/27/94	Europe				
	59.	EP 0 677 368 A2	10/18/95	EPO				
	60.	EP 0 165 077 B2	02/04/98	Europe				
	61.	EP 0 963 775 A2	12/15/99	EPO				
	62.	FR 1 495 887	12/21/77	France				
	63.	WO 93/13408	07/08/93	PCT				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	64.	Laminate Delivery - #1
	65.	Laminate Delivery - #2
	66.	Laminate Delivery - #3
	67.	Laminate Delivery - #4
	68.	Laminate Delivery - #5
	69.	Laminate Delivery - #6
	70.	Laminate Delivery - #7
	71.	Laminate Delivery - #8
	72.	Laminate Delivery - #9
	73.	Laminate Delivery - #10
	74.	Laminate Delivery - #11
	75.	Laminate Delivery - #12

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	



FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
PALL 107C1APPLICATION NO.  
US 10/603,425INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT  
Ditter, et al.FILING DATE  
June 24, 2003GROUP  
1734

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	76.	Laminate Delivery - #13
	77.	Laminate Delivery - #14
	78.	Laminate Delivery - #15
	79.	Laminate Delivery - #16
	80.	Laminate Delivery - #17
	81.	PCT International Search Report, December 13, 2001, PCT No. PCT/US 01/42262

S:\DOCS\JZB\JZB-3036.DOC  
092303

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	